CITY OF KIRKLAND

INVITATION TO BID

Notice is hereby given that the City of Kirkland will receive sealed bids in the office of the Purchasing Agent, City Hall, 123 Fifth Avenue, Kirkland, Washington, at 3:00 pm local time on November 1, 2013 for the project hereinafter referred to as:

Firefighter Turnout Gear
Job No. 42-13-FB

At said time all bids will be opened and publicly read aloud. Incomplete proposals and proposals received after the time stated above will not be considered. Faxed responses are not acceptable.

The City will not sell bid packages. Bid documents and addenda may be viewed and obtained online at www.kirklandwa.gov. Under "Most Requested", click on: "City Purchasing". This will take you to the "Doing Business with the City" webpage where current City projects are posted.

The City reserves the right to reject any and all bids, and to waive any informalities in the bidding process, and to make the award to the lowest, responsive, responsible bidder as best serves the interests of the City.

No bids may be withdrawn within forty-five (45) days after the actual date of the bid opening.

Barry L. Scott, C.P.M.
Purchasing Agent

Published: Daily Journal of Commerce – October 14 and October 21, 2013

OVERVIEW AND PURPOSE: The City of Kirkland Fire Department is soliciting bids to establish one or more contracts with qualified vendors to furnish new and unused protective jackets and trousers (turnouts) for structural firefighting on an as-needed basis throughout the contract term.

The Technical Specifications were developed from specifications of the current Globe G-Xtreme model turnout gear currently used by the department. Manufacturers and sales distributors of other turnouts are welcome to submit bids for equivalent model garments. Proposed jackets and trousers should comply with the requirements identified in these Specifications. It is the Respondent's responsibility to identify and explain any deviations from these Specifications.

CONTRACT TERM AND PRICE CONDITIONS: The initial contract shall be for a term of two years, and shall include a renewal option of two additional two-year periods. Pricing shall be firm and fixed for the term of the initial contract. Price adjustments for the additional two-year renewal periods can be agreed upon and made prior to executing renewal agreements.

PLANNED PURCHASES: The City typically orders turnout gear on an as-needed basis (From October 2012 to October 2013, the City's purchases for turnout gear totaled over $53,000, plus sales tax.) It is anticipated that other public agencies may wish to utilize this contract as allowed by RCW 39.34. We expect that City orders, combined with orders from other agencies, will exceed 250 sets of turnout gear for the initial two year contract period.

TENTATIVE SCHEDULE OF EVENTS:

IFB issued	October 14, 2013
Questions due	October 24 at 4:00 pm Pacific Time
Answers Issued	October 28
Bids due	November 1 at 3:00 pm Pacific Time
Anticipated Award	November 18, 2013

QUESTIONS REGARDING THIS IFB: ALL questions must be submitted in writing (Email is preferred). Questions and answers will be forwarded to all proposing suppliers who provide contact information. In order to make information available to all proposing suppliers, no questions will be entertained after 4:00 pm on October 24th.

Questions regarding the specifications must be addressed to Lt. Joel Bodenman at jbodenman@kirklandwa.gov.

Questions regarding the bidding process must be submitted to Barry Scott, Purchasing Agent at bscott@kirklandwa.gov.

Questions may be mailed to either party at City of Kirkland, 123 5th Ave, Kirkland, WA 98033.

DISTRIBUTION OF BID DOCUMENT AND ADDENDA: This IFB can be downloaded directly from the City of Kirkland's website at www.kirklandwa.gov (Click on "City Purchasing" under "Most Requested".) Those who wish to automatically receive any addenda or a notice of cancellation should provide contact information by emailing Barry Scott, Purchasing Agent, at bscott@kirklandwa.gov. Those who choose not to submit contact information will be solely responsible for monitoring the City's website for any addenda or a notice of cancellation.

BID PREPARATION: Firms submitting bids shall be responsible for any and all costs and/or expenses associated with preparing such proposal.

SUBMISSION OF BID PROPOSALS: All bid proposals must be received no later than **3:00 pm Pacific Time on November 1, 2013.** Bids must be signed by an authorized company representative and submitted in a sealed envelope. Bids must be addressed to:

City of Kirkland
Attn: Barry Scott, Purchasing Agent
IFB No. 42-13-FB
123 5th Ave
Kirkland, WA 98033

It is the responsibility of the supplier to be sure the proposals are sent sufficiently ahead of time to be received **no later than 3:00 pm** on the due date. Proposals received after the deadline will not be considered for award of contract.

EVALUATION PROCESS: This is an Invitation for Bids for specific items and our intent is to award the contract to the responsible supplier that submits the lowest responsive bid.

CONTRACT: The contract shall consist of the following documents: The Invitation for Bids (IFB), the accepted bid, any purchase orders issued by the City and any agreed upon written changes to any of the foregoing documents. The contract documents are complimentary and what is called for in any one document shall be binding as if called for by all.

COOPERATIVE PURCHASING: RCW 39.34 allows cooperative purchasing between public agencies in the State of Washington. Public agencies which have filed an Intergovernmental Cooperative Purchasing Agreement with the City of Kirkland may purchase from City of Kirkland contracts. The City of Kirkland does not accept any responsibility for purchase orders issued by other public agencies.

COMPLIANCE WITH LAWS: The supplier shall comply with all applicable federal, state and local laws, rules, and regulations, affecting its performance and hold the Purchaser harmless against any claims arising from the violation thereof.

NONCOLLUSION: The supplier must certify that their firm has not entered into any agreement of any nature whatsoever to fix, maintain, increase or reduce the prices or competition regarding the items covered in this Invitation for Bids. Supplier is to complete the attached Noncollusion affidavit and submit it with the proposal.

PAYMENT TERMS: Net 30 days after delivery, acceptance and receipt of invoice. Acceptance includes inspection and approval by City of Kirkland's Police Department and Fleet staff.

FREIGHT TERMS: Quoted price is to include delivery to designated locations. Shipping will be FOB destination and include delivery and installation.

NON-DISCRIMINATION: The City of Kirkland assures that no person shall, on the grounds of race, color, national origin, or sex be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity.

The City further assures every effort will be made to ensure non-discrimination in all of its programs and activities, whether those programs and activities are federally funded or not.

GENERAL SPECIFICATIONS
PROTECTIVE JACKET AND PANTS
FOR STRUCTURAL FIRE FIGHTING

October, 2013
Kirkland Fire Department

SCOPE

This specification details design and materials criteria to afford protection to the upper and lower body, excluding head, hands, feet, against adverse environmental effects during structural fire fighting. All materials and construction will meet or exceed NFPA Standard #1971 and OSHA for structural fire fighters protective clothing.

_____Comply _____Exception

SIZING

In order to insure that every member of the department can safely perform to the maximum of their ability without extra bulk and without restriction, Jackets and Pants shall be available in all sizes and dimensions as follows:

Jackets:

Gender:	Gender specific Mens and Womens patterns will be available.
Chest:	Even sizes
Back Length:	Mens 29", 32", 35", 40" Womens 26", 29"
Body Shape:	Straight and Tapered Note: The straight cut offers more fullness at the hips (i.e. jacket sweep) and is recommended when an IH Ready trouser is being spedified.
Sleeve:	1" increments

Jackets and Pants available in only one standard shape will not be acceptable.

_____Comply _____Exception

OUTER SHELL MATERIAL - JACKETS AND PANTS

The **"PBI** GEMINI® XT **MATRIX™"** outer shell, trade name Gemini XT shall be manufactured by TENCATE and constructed of 60/40 Kevlar®/PBI™ modified plain weave outer shell fabric featuring a patented high tech grid of composite filament & spun yarns in a "Matrix Technology" with an approximate weight of 7.5 oz. per square yard. The shell material must be treated with **SST™ (SUPER SHELLTITE)** which is a durable water-repellent finish that also enhances abrasion resistance. Color of the garments shall be black. **Bids offering a 600 denier Matrix product and/or the Matrix shell without the SST™ will not be considered.**

_____Comply _____Exception

THERMAL INSULATING LINER - JACKET AND PANTS

The thermal liner shall be constructed of 7.6 oz. per square yard TENCATE **"CALDURA® SL2i"**; one layer of 1.5 oz. and one layer of 2.3 oz. per square yard Nomex® E-89™ spunlaced Nomex®/Kevlar® aramid blend, quilt stitched to a Kevlar® filament and FR rayon/para-aramid/nylon inherently wicking Caldura® face cloth. A 7 inch by 9 inch pocket, constructed of self material and lined with moisture barrier material, shall be affixed to the inside

of the jacket thermal liner on the left side by means of a lock stitch. The thermal liner shall be attached to the moisture barrier and bound together by bias-cut neoprene coated cotton/polyester around the perimeter. This provides superior abrasion resistance to the less expensive, less durable, "stitch and turn" method. Further mention of "Thermal Liner" in this specification shall refer to this section. *NOTE: This thermal liner MUST be used exclusively with a minimum 7 oz. per square yard outer shell material or with Crosstech 4A moisture barrier.*

_____Comply _____Exception

MOISTURE BARRIER - JACKETS AND PANTS

The moisture barrier material shall be W.L. GORE **CROSSTECH® black moisture barrier** - Type 2F, which is comprised of a CROSSTECH® membrane laminated to a 3.3 ounce per square yard Nomex® IIIA woven pajama check substrate. The CROSSTECH® membrane is an enhanced bicomponent membrane comprised of an expanded PTFE (polytetrafluoroethylene, for example Teflon®) matrix having a continuous hydrophilic (i.e. water-loving) and oleophobic (i.e. oil-hating) coating that is impregnated into the matrix. CROSSTECH® moisture barrier seams shall be sealed with GORE-SEAM® tape using a Series 6000 (or higher) GORE-SEAM™ sealing machine to afford comparable bacteriophage penetration resistance performance. Further mention of "Specified Moisture Barrier" in this specification shall refer to this section.

_____Comply _____Exception

SEALED MOISTURE BARRIER SEAMS

All moisture barrier seams shall be sealed with a minimum 1 inch wide sealing tape. One side of the tape shall be coated with a heat activated glue adhesive. The adhesive side of the tape shall be oriented toward the moisture barrier seam. The adhesive shall be activated by heat and the sealing tape shall be applied to the moisture barrier seams by means of pressure exerted by rollers for that purpose.

_____Comply _____Exception

METHOD OF THERMAL LINER/MOISTURE BARRIER ATTACHMENT FOR JACKETS AND PANTS

The thermal liner and moisture barrier shall be completely removable from the jacket shell. Two strips of 5/8 inch wide FR Velcro® fastener tape shall secure the thermal liner/moisture barrier to the outer shell along the length of the neck line under the collar (see Collar section). The remainder of the thermal liner/moisture barrier shall be secured with snap fasteners appropriately spaced on each jacket facing and Ara-Shield® snap fasteners at each sleeve end. One of the Ara-shield® snap tabs shall be a different color in the liner to correspond with color coded snap tabs for ease of matching the liner system to the outer shell after inspection or cleaning is completed.

The thermal liner and moisture barrier shall be completely removable from the pant shell. Nine snap fasteners shall be spaced along the waistband to secure the thermal liner to the shell. The legs of the thermal liner/moisture barrier shall be secured to the shell by means of Ara-Shield® snap fasteners per leg. The Ara-shield® snap tabs shall be color coded to a corresponding snap tab in the liner for ease of matching the liner system to the outer shell after inspection or cleaning is completed.

_____Comply _____Exception

THERMAL PROTECTIVE PERFORMANCE

The assembled garment, consisting of an outer shell, moisture barrier and thermal liner, shall exhibit a TPP (Thermal Protective Performance) rating of not less than 35.

_____Comply _____Exception

STITCHING

The outer shell shall be assembled using stitch type #301, #401, #514 and #516. The thermal liners and moisture barriers shall be assembled using stitch type #301, #401, #504, #514, and #516. Stitching in all seams shall be continuous. Major A outer shell structural seams and major B structural liner seams, shall have a minimum of 8 to 10 stitches per inch.

_____Comply _____Exception

JACKET CONSTRUCTION

BODY

The body of the shell and liner system shall be constructed of three separate panels consisting of two front panels and one back panel. The body panels shall be shaped so as to provide a tailored fit thereby enhancing body movement and shall be joined together by double stitching with Nomex® thread. One-piece outer shells shall not be acceptable.

_____Comply _____Exception

AXTION® BACK

The jackets shall include inverted pleats to afford enhanced mobility and freedom of movement in addition to that provided by the sleeves. The outer shell shall have two inverted pleats (one each side) installed on either side of the back body panel. The inverted pleats shall begin at the top of each shoulder and extend vertically down the sides of the jacket to the hem. Maximum expansion of the pleats shall occur at the shoulder area and taper toward the hem.

The thermal liner shall have a single inverted pleat located at the upper middle of the back, corresponding to the added length in the shell provided by the back pleats. It will be designed to expand with the outer shell pleats to provide maximum expansion.

The moisture barrier shall be designed with darts corresponding to the added length in the shell provided by the back pleats. The darts are positioned at the shoulder blades of the moisture barrier, outside of the SCBA straps and work together with the outer shell and the thermal liner pleats in the back providing maximum expansion. The moisture barrier darts will be seam sealed to assure liquid resistance integrity.

_____Comply _____Exception

LOGOS

The garment brand shall be identified by means of red FR Nomex thread embroidery on the top of the right collar denoting the manufacturer. There shall be a reflective label specific to the garment style, measuring 1inch wide by 4 inches long, installed on the left pocket flap.

_____Comply _____Exception

DRAG RESCUE DEVICE (DRD)

A Firefighter Drag Rescue Device shall be installed in each jacket. The ends of a 1½ inch wide strap, constructed of black Kevlar® with a red Nomex® center stripe, will be sewn together to form a continuous loop. The strap will be installed in the jacket between the liner system and outer shell such that when properly installed will loop around each arm. The strap will be accessed through a portal between the shoulders on the upper back where it is secured in place by a FR Velcro® strap. The access port will be covered by an outside flap of shell material,

with beveled corners designed to fit between the shoulder straps of an SCBA. The flap will have a NFPA-compliant 3M Scotchlite™ reflective logo patch sewn to the outside to clearly identify the feature as the DRD (Drag Rescue Device). The DRD shall not extend beyond the outside flap. This device provides a quickly deployed means of rescuing a downed firefighter. Flimsy, rope-style DRD straps will not be considered.

_____Comply _____Exception

SEPARATING LINER SYSTEM (JACKET)

The combined moisture barrier and the thermal liner shall be completely removable from the jacket. The thermal liner and moisture barrier layers of the liner system shall be constructed in such a way as to allow the layers to separate for improved air flow, drying and interior service and replacement. The thermal liner and moisture barrier layers shall be stitched together at the sleeve cuff ends and hem of the rear body panels only. The leading edges and hem of the left and right front body panels of the thermal liner and moisture barrier layers shall fasten together with snap fasteners. The snap fasteners shall be evenly spaced along the opening edge of the layers and set in bias-cut reinforcement fabric. The neck area of the liner system shall attach up inside the outer shell collar with two strips of ⅝ inch wide FR Velcro® fastener tape on the front and rear of the collar. Loop fastener tape installed along the neck of the thermal liner will secure to hook fastener tape installed along the front inside edge of the top collar. Hook fastener tape installed along the neck of the moisture barrier layer of the liner system will extend upward into the underside of collar and attach to the loop fastener tape installed along the full length of the inside back layer of the collar. The outside perimeter of the AXTION® liner moisture barrier and thermal liner layers shall be bound with a bias-cut neoprene coated cotton/polyester binding for a finished appearance that prevents fraying and wicking of contaminants. Stitching used to secure the thermal liner and moisture barrier in place of the neoprene shall not be considered, since thread along is not able to provide the same level of abrasion resistance.

_____Comply _____Exception

LINER LOWER HEM RETENTION

There shall be 3 lower hem snaps on the jacket shell with tabs to attach to the lower hem of the liner to keep the liner from riding up.

_____Comply _____Exception

RETROREFLECTIVE FLUORESCENT TRIM

The retroreflective fluorescent trim shall be lime/yellow 3M Scotchlite™ Triple Trim (L/Y borders with silver center).

Each jacket shall have an adequate amount of retroreflective fluorescent trim affixed to the outside of the outer shell to meet the requirements of NFPA 1971 and OSHA..

The trim shall be in the following widths and shall be

NYC style; 3 inch wide stripes - around the bottom of the jacket within approximately 1 inch of the hem, around the back and chest area approximately 3 inches below the armpit, around each sleeve below the elbow, around each sleeve above the elbow.

*NOTE: Any trim installed on the sleeve shall be backed by a layer of neoprene stitched to the inside of the outer shell to comply with the NFPA 2013 Stored Energy Test. NFPA 1971 does not require an upper sleeve trim band, it is optional to delete this band completely or delete the underside of the upper sleeve trim band.

_____Comply _____Exception

REINFORCED TRIM STITCHING

All reflective trim is secured to the outer shell with Nomex® thread, using a locking chainstitch protected by a strip of 3/32-inch strong, durable, flame resistant black Kevlar® cording provides a bed for the stitching along each edge of the retroreflective fluorescent trim surface and affords extra protection for the thread from abrasion. This design has been proven to be 5 to 7 times more durable than single or even double rows of stitching, significantly reducing maintenance costs and providing more value and a longer service life. Two rows of stitching used to attach the trim in place of the required Kevlar cording shall be considered an unacceptable alternative, since it has been proven that the two rows of stitching has insignificant impact on wear life. All trim ends shall be securely sewn into a seam for a clean finished appearance.

_____Comply _____Exception

SEWN ON RETROREFLECTIVE LETTERING

Each jacket shall have

3" lime/yellow 3M Scotchlite™ lettering on Row A reading: KIRKLAND

_____Comply _____Exception

LETTER PATCH

Sew-On Letter Patch
Lettering on Row A will be on a sewn-on letter patch. The sewn-on letter patch shall be constructed of a layer of outer shell material.

Hanging Letter Patch
A hanging letter patch shall be constructed of a double layer of outer shell material. The letter patch will attach to the rear inside hem of the jacket with a combination of snap fasteners and FR Velcro® hook & loop fastener tape. Hanging letter patch shall have the Firefighter Name and Title in 3" Lime-Yellow Scotchlite Letters (2" for long names) sewn on the patch.

_____Comply _____Exception

COLLAR & FREE HANGING THROAT TAB

The collar shall consist of a four-layer construction and be of two-piece design. The collar shall have a minimum of 3 rows of quilting. The outer layers shall consist of outer shell material, with a minimum of two-layers of specified moisture barrier sandwiched in between (see Moisture Barrier section). The rear inside ply of moisture barrier shall be sewn to the collar's back layer of outer shell at the edges only. The forward inside ply of moisture barrier shall be sewn to the inside of the collar at the edges only. The multi-layered configuration shall provide protection from water and other hazardous elements. The collar shall be of two piece design with the left and right halves of all component materials joined in the center by stitching, thereby permitting the collar to retain its proper shape and roll. The collar shall be minimum 3½ inches high and graded to size. The leading edges of the collar shall extend up evenly from the leading edges of the jacket front body panels so that no gap occurs at the throat area. The collar's back layers of outer shell and moisture barrier shall be joined to the body panels with two rows of stitching. Inside the collar, above the rear seam where it is joined to the shell shall be a strip of ⅝ inch wide FR Velcro® hook fastener tape running the full length of the collar. The collar's front layers of moisture barrier and outer shell shall have an additional strip of ⅝ inch wide hook fastener tape stitched to the inside lower edge and running the full length of the collar. These two inside strips of ⅝ inch wide FR Velcro® hook fastener tape sewn to the underside of the collar shall engage corresponding pieces of FR Velcro® loop fastener tape at the front and back neck area of the liner system.

The throat tab shall be a scoop type design and constructed of two plies of outer shell material with two center plies of moisture barrier material. The throat tab shall measure not less than 3 inches wide at the center tapering

to 2 inches at each end with a total length of approximately 9 inches. The throat tab will be attached to the right side of the collar by a 1 inch wide by 1 inch long piece of Nomex® twill webbing. The throat tab shall be secured in the closed and stowed position with FR Velcro® hook and loop fastener tape. The FR Velcro® hook and loop fastener tape shall be oriented to prevent exposure to the environment when the throat tab is in the closed position. Two 1½ inch by 3 inch pieces of FR Velcro® loop fastener tape shall be sewn vertically to the inside of each end of the throat tab. Corresponding pieces of FR Velcro® hook fastener tape measuring 1 inch by 3 inches shall be sewn horizontally to the leading outside edge of the collar on each side, for attachment and adjustment when in the closed position and wearing a breathing apparatus mask. In order to provide a means of storage for the throat tab when not in use, a 1 inch by 3 inch piece of FR Velcro® hook fastener tape shall be sewn horizontally to the inside of the throat tab immediately under the 1½ inch by 3 inch pieces of FR Velcro® loop fastener tape. The collar closure strap shall fold in half for storage with the FR Velcro® loop fastener tape engaging the FR Velcro® hook fastener tape. A hanger loop constructed of a double layer of outer shell material shall be sewn to the top of the collar at the center.

A hanger loop constructed of a double layer of outer shell material shall be sewn to the top of the collar at the center.

_____Comply _____Exception

JACKET FRONT

The jacket shall incorporate separate facings to ensure there is no interruption in thermal or moisture protection in the front closure area. The facings shall measure approximately 3 inches wide, extend from collar to hem, and be double stitched to the underside of the outer shell at the leading edges of the front body panels. A breathable moisture barrier material shall be sewn to the jacket facings and configured such that it is sandwiched between the jacket facing and the inside of the respective body panel. The breathable film side shall face inward to protect it. There shall be wicking barrier constructed of Crosstech 2F moisture barrier material installed on the front closure system on the left and right side directly below the front facings to ensure continuous protection and overlap. The thermal liner and moisture barrier assembly shall be attached to the jacket facings by means of snap fasteners.

_____Comply _____Exception

STORM FLAP

A rectangular storm flap measuring approximately 3 inches outside closure wide and a minimum of 23 inches long (based on a 32" jacket) shall be centered over the left and right body panels to ensure there is no interruption in thermal or moisture protection in the front of the jacket. The outside storm flap shall be constructed of two plies of outer shell material with a center ply of breathable moisture barrier material. The outside storm flap shall be double stitched to the right side body panel and shall be reinforced at the top and bottom with bartacks.

_____Comply _____Exception

STORM FLAP AND JACKET FRONT CLOSURE SYSTEM

The jacket shall be closed by means of a 22 inch size #10 heavy duty high-temp smooth-gliding YKK Vislon® zipper on the jacket fronts and FR Velcro® fastener tape on the storm flap. The teeth of the zipper shall be mounted on black Nomex® tape and shall be sewn into the respective jacket facings. The storm flap shall close over the left and right jacket body panels and shall be secured with FR Velcro® fastener tape. A 1½ inch piece of FR Velcro® loop fastener tape shall be installed along the leading edge of the storm flap on the underside with four rows of stitching. A corresponding 1½ inch piece of FR Velcro® hook fastener tape shall be sewn with four rows of stitching to the front body panel and positioned to engage the loop fastener tape when the storm flap is closed over the front of the jacket.

_____Comply _____Exception

CARGO/HANDWARMER EXPANSION (BELLOWS) POCKETS

Each jacket front body panel shall have a 2 inch deep by 8 inch wide by 8 inch high expansion pocket, double stitched to it and shall be located such that the bottom of the pockets are at the bottom of the jacket for full functionality when used with an SCBA. Retroreflective trim shall run over the bottom of the pockets so as not to interrupt the trim stripe. Two rust resistant metal drain eyelets shall be installed in the bottom of each expansion pocket to facilitate drainage of water. *The expansion pocket shall be reinforced with a layer of Kevlar® approximately 5 inches up on the inside of the pocket.* The pocket flaps shall be rectangular in shape, constructed of two layers of outer shell material and shall measure 3 inches deeper than the pocket expansion and ½ inch wider than the pocket. The upper pocket corners shall be reinforced with proven backtacks and pocket flaps shall be reinforced with bartacks. The pocket flaps shall be closed by means of FR Velcro® fastener tape. Two pieces of 1 ½ inch by 3 inch FR Velcro® hook fastener tape shall be installed vertically on the inside of each pocket flap (one piece on each end). Two corresponding pieces of 1 ½ inch by 3 inch FR Velcro® loop fastener tape shall be installed horizontally on the outside of each pocket near the top (one piece on each end) and positioned to engage the hook fastener tape.

Additionally, a separate hand warmer pocket compartment will be provided under the expandable cargo pocket. This compartment will be accessed from the rear of the pocket and shall be lined with Nomex® Fleece for warmth and comfort. Shell material linings shall not be considered acceptable.

_____Comply _____Exception

SLEEVES

The sleeves shall be of two piece construction, having an upper and a lower sleeve. Both the under and upper sleeve shall be graded in proportion to the chest size. For unrestricted movement, on the underside of each sleeve there shall be two outward facing pleats located on the front and back portion of the sleeve on the shell and thermal liner. On the moisture barrier, the system will consist of two darts, rather than pleats, to allow added length in the under sleeve. The moisture barrier darts will be seam sealed to assure liquid resistance integrity.

The pleats shall expand in response to upper arm movement and shall fold in on themselves when the arms are at rest. This expansion shall allow for greater multi-directional mobility and flexibility in the shoulder and arm areas, with little restriction or jacket rise. Neither stove-pipe nor raglan-style sleeve designs will be considered acceptable.

_____Comply _____Exception

SLEEVE CUFF REINFORCEMENTS

The sleeve cuffs shall be reinforced with a layer of black Dragonhide® material.

The cuff reinforcements shall not be less than 2 inch in width and folded in half, approximately one half inside and one half outside the sleeve end for greater strength and abrasion resistance. The cuff reinforcement shall be double stitched to the sleeve end; a single row of stitching shall be considered unacceptable. This independent cuff provides an additional layer of protection as compared to a turned and stitched cuff. Jackets finished with a turned and stitched cuff do not provide the same level of abrasion resistance and will be considered unacceptable.

_____Comply _____Exception

WRISTLETS / ELASTICIZED ADJUSTABLE SLEEVE WELLS

Each jacket shall be equipped with **Nomex® hand and wrist guards** (over the hand) not less than 7 inches in length and of double thickness. A separate thumbhole with an approximate diameter of 2 inches shall be recessed approximately 1 inch from the leading edge. Nomex® knit is constructed of 96% Nomex® and 4% Spandex for shape retention. The color of the wristlets shall be white.

_____Comply _____Exception

INSET TORSO POCKETS

Two (2) pockets shall be located on the jacket front between the outer shell and the liner for documents and other moisture sensitive items. Pockets shall be located one (1) each above and one (1) each below the center reflective trim stripe. Each pocket shall be 10" x 17" and accessible from the side when the storm flap is opened but without necessity of unzipping the closure. Each pocket shall have a hook and loop closure.

_____Comply _____Exception

LINER ELBOW THERMAL ENHANCEMENT

An additional layer of thermal liner material shall be sewn to the elbow area of the liner system for added protection at contact points and increased thermal insulation in this high compression area. The elbow thermal enhancement layers shall be sandwiched between the thermal liner and moisture barrier layers of the liner system and shall be stitched to the thermal liner layer only. Finished dimension shall be 5 inches by 8 inches. All edges shall be finished by means of overedging. Raw or unfinished edges shall be considered unacceptable. Thermal scraps shall not be substituted for full-cut fabric padding.

_____Comply _____Exception

LINER SHOULDER AND UPPER BACK THERMAL ENHANCEMENT

A minimum of one additional layer of thermal liner material shall be used to increase thermal insulation in the upper back, front and shoulder area of the liner system. This full-cut thermal enhancement layer shall drape over the top of each shoulder extending from the collar to the sleeve/shoulder seam, down the front approximately 5 inches from the juncture of the collar down the back to a depth of 7 inches to provide greater CCHR protection in this high compression area. The upper back, front and shoulder thermal enhancement layers shall be sandwiched between the thermal liner and moisture barrier layers of the liner system and shall be stitched to the thermal liner layer only. The thermal enhancement layer shall have finished edges by means of overedging. Raw or unfinished edges shall be considered unacceptable. Thermal scraps shall not be substituted for full-cut fabric padding. Smaller CCHR reinforcements shall not be considered acceptable since they provide far less area of coverage.

_____Comply _____Exception

RADIO POCKET

Each jacket shall have a pocket designed for the storage of a portable radio. This pocket shall be of box type construction, double stitched to the jacket and shall have one drainage eyelet in the bottom of the pocket. The pocket flap shall be constructed of two layers of outer shell material measuring approximately 5 inches deep and ¼ inch wider than the pocket. The pocket flap shall be closed by means of FR Velcro® fastener tape. A 1½ inch by 3 inch piece of FR Velcro® hook fastener tape shall be installed vertically on the inside of the pocket flap beginning at the center of the bottom of the flap. A 1½ inch by 3 inch piece of FR Velcro® loop fastener tape shall be installed horizontally on the outside of the pocket near the top center and positioned to engage the hook fastener tape. In addition, the entire inside of the pocket shall be lined with neoprene coated cotton/polyester impermeable barrier material to ensure that the radio is protected from the elements. The impermeable barrier

material shall also be sandwiched between the two layers of outer shell material in the pocket flap for added protection. The radio pocket shall measure approximately 3 inches deep by 3.5 inches wide by 7 inches high and shall be installed on the left chest.

_____Comply _____Exception

NOTCHED RADIO POCKET FLAP

The radio pocket flap shall be notched to accommodate the radio antenna on the left side as worn.

_____Comply _____Exception

MICROPHONE STRAP

A strap shall be constructed to hold a microphone for a portable radio. It shall be sewn to the jacket at the ends only. The size of the microphone strap shall be 1 inch x 3 inches.

The microphone strap shall be mounted above the radio pocket and shall be constructed of double layer outer shell material.

_____Comply _____Exception

F**LASHLIGHT CLIP**

Each jacket shall be equipped with a flashlight holder for a Streamlight Polytac LED angled light. An inward facing metal safety coat hook shall be triple riveted in a vertical position to the upper left chest near the storm flap. The inward facing coat hook will accommodate the clip portion of the flashlight

_____Comply _____Exception

FACE MASK POUCH HOLDER

An inward facing metal helmet snap shall be riveted to a leather strap approximately 2 inches in length and of double thickness. This shall be mounted vertically to the front of the jacket with the snap in the down position. This shall be used to hold a facemask pouch equipped with a ring holder. The holder shall be located on the upper right chest.

_____Comply _____Exception

UNIVERSAL DETACHABLE BREATHING APPARATUS FACE MASK POUCH

A oval shaped pouch measuring approximately 4 inches deep by 9 inches wide by 15 inches high shall be constructed of outer shell material. The pouch shall have a two-inch built-in expansion pleat allowing it to accommodate all breathing apparatus facemasks. Two metal drain eyelets shall be installed in the bottom of the pouch. The pouch closure shall consist of a heavy-duty zipper mounted on the left side of the pocket (as oriented to the wearer).

The pouch shall be completely detachable from the jacket. A 1 inch loop, constructed of outer shell material, shall be sewn to the top of the pouch. A metal ring approximately 1” in diameter shall be captured within the top loop which can be attached to the inward facing metal snap (listed above) on the jacket. The bottom of the pouch shall have two evenly spaced 1 inch snap fastener tabs constructed of outer shell material that will attach to matching snap fastener tabs installed on the front right body panel of the jacket above the reflective trim. A 2” x 4” hook

and loop strip shall encompass the 2 metal snaps on the back of the mask pouch. A matching piece of hook and loop shall be installed on the jacket encompassing the corresponding snaps on the jacket. The detachable pouch shall be mounted on the right chest.

_____Comply _____Exception

EMBROIDERED IDENTIFICATION STRIP ON MASK POUCH

Lettering shall be embroidered onto a 1 inch by 4 inch strip of outer shell material with firefighter's name. (Specific ID lettering will be determined at time of order, with a maximum of 14 characters per strip.) The embroidery shall be done in red Nomex® thread. A piece of 1 inch by 4 inch FR Velcro® hook fastener tape shall be sewn to the underside of the ID strip. A corresponding piece of 1 inch by 4 inch FR Velcro® loop fastener tape shall be sewn to the back (underside when worn on jacket) of the mask pouch and shall engage the hook fastener tape on the ID strip.

_____Comply _____Exception

EMBROIDERED AMERICAN FLAG

Each jacket shall have a Nomex® embroidered American flag that measures approximately 2½ inches by 3½ inches installed on the right sleeve (per military protocol).

Flags made of fabric other than Nomex® shall be considered unacceptable.

_____Comply _____Exception

PANT CONSTRUCTION

BODY

The body of the shell shall be constructed of four separate body panels consisting of two front panels and two back panels. The body panels shall be shaped so as to provide a tailored fit, thereby enhancing body movement, and shall be joined together by double stitching with Nomex® thread. The body panels and seam lengths shall be graded to size to assure accurate fit in a broad range of sizes.

The front body panels will be wider than the rear body panels to provide more fullness over the knee area. This is accomplished by rolling the side leg seams (inside and outside) to the rear of the pant leg beginning at the knee. The slight taper will prevent premature wear of the side seams by pushing them back and away from the primary high abrasion areas encountered on the sides of the lower legs.

_____Comply _____Exception

SIZING

In order to insure that every member of the department can safely perform to the maximum of their ability without extra bulk and without restriction, Pants shall be available in all sizes and dimensions as follows:

Pants:

Gender:	Gender specific Mens and Womens patterns
Waist:	Even sizes ranging from 24 to 56
Body Shape:	Relaxed and Regular Note: Relaxed is a fuller cut in the hips and thighs, like relaxed jeans.
Inseam:	Even sizes

Pants available in only one standard shape will not be acceptable. Generalized sizing, such as small, medium, large, etc., will not be considered acceptable.

_____Comply _____Exception

PANT LINER SYSTEM

The combined moisture barrier and the thermal liner shall be completely removable for the pant. The thermal liner and moisture barrier layers of the liner system shall be stitched together and bound around the top waist and cuffs with Bias-Cut Neoprene coated cotton/polyester binding for a finished appearance that prevents fraying and wicking of contaminants.

The body of the liner system (thermal liner & moisture barrier) shall be of a four piece design to match the cut of the shell to include the rolled back side seams. The design of the liner system will incorporate darts in the knee area providing a contour to the leg and will also have a reverse boot cut at the rear of the liner cuff and a concave cut at the front to keep the liner from hanging below the shell.

The liner system shall have a reinforcement of black Nomex® twill sewn to the bottom of the fly opening. This reinforcement will serve to prevent the liner from tearing in that area from the constant donning and doffing of the pants.

_____Comply _____Exception

LINER ACCESS OPENING - PANT

The liner system of the pant shall incorporate a full length opening along the entire waistline for ease in inspecting the inner layers as well as performing the complete Liner Inspection. The thermal liner and moisture barrier shall be individually bound with a neoprene coated bias cut tape, and joined together with a snap at the center back. There shall be a minimum of 4 snap tabs sewn to the underside of the waistband, with corresponding snaps in the moisture barrier layer to secure the barrier to the shell. As described previously, the pant thermal layer snaps directly to the independent waistband by means of nine snap fasteners.

_____Comply _____Exception

WAISTBAND

The pant design facilitates the transfer of the weight of the pant to the hips instead of the shoulders and suspenders. The waist area of the pants shall be reinforced on the inside with a separate piece of black aramid outer shell material not less than two inches in width. Neoprene coated cotton/polyester shall be sewn to the back of the waistband as a reinforcement. The aramid/Neoprene waistband shall be cut on the bias to allow the waistband to stretch for unrestricted movement and increased comfort. The top edge of the waistband reinforcement shall be double stitched to the outer shell at the top of the pants. The lower edge of the waistband shall be serged and unattached to the shell to accept the thermal liner and moisture barrier. The top of the thermal liner and moisture barrier shall be secured to the underside of the waistband reinforcement so as to be sandwiched between the waistband reinforcement and outer shell to reduce the possibility of liner detachment while donning and to avoid pass through of snaps from the outer shell to the inner liner.

_____Comply _____Exception

EXTERNAL/INTERNAL FLY FLAP

The pants will have a vertical outside fly flap constructed of two layers of outer shell material, with a layer of moisture barrier material sandwiched between. The fly flap shall be double stitched to the left front body panel and shall measure approximately 2 ½ inches wide, with a length graded to size based on waist measurement and reinforced with bartacks at the base. An internal fly flap constructed of one layer of outer shell material, thermal liner and specified moisture barrier, measuring approximately 2 inches wide, with a length graded to size based on waist, shall be sewn to the leading edge of the right front body panel. The inside of the right front

body panel shall be thermally enhanced directly under the outside fly with a layer of moisture barrier and thermal liner material.

The underside of the outside fly flap shall have a 1½ inch wide piece of FR Velcro® loop fastener tape quadruple stitched along the full length and through the shell material only; stitching shall not penetrate the moisture barrier insert between the two layers to insure greater thermal protection and reduced water penetration. A corresponding strip of 1½ inch wide piece of FR Velcro® hook fastener tape shall be quadruple stitched to the outside right front body panel securing the fly in a closed position.

Appropriate snap fastener halves shall be installed at the leading edge of the waistband for the purpose of further securing the pants in the closed position.

_____Comply _____Exception

RETROREFLECTIVE FLUORESCENT TRIM

The pants shall have a stripe of retroreflective fluorescent trim encircling each leg below the knee to comply with the requirements of NFPA #1971 in 3 inch lime/yellow 3M Scotchlite™ Triple Trim (L/Y borders with silver center).

Bottom of trim band shall be located approximately 3" above cuff.

_____Comply _____Exception

REINFORCED TRIM STITCHING

All reflective trim is secured to the outer shell with Nomex® thread, using a locking chainstitch protected by our exclusive TrimTrax® system. Developed exclusively by Globe Manufacturing Co., LLC. this strip of 3/32-inch strong, durable, flame resistant black Kevlar® cording provides a bed for the stitching along each edge of the retroreflective fluorescent trim surface and affords extra protection for the thread from abrasion. TrimTrax® has been proven to be 5 to 7 times more durable than single or even double rows of stitching, significantly reducing maintenance costs and providing more value and a longer service life. Two rows of stitching used to attach the trim in place of the TrimTrax® shall be considered an unacceptable alternative, since it has been proven that the two rows of stitching has insignificant impact on wear life. All trim ends shall be securely sewn into a seam for a clean finished appearance.

_____Comply _____Exception

ESCAPE BELT

The pant shall have an integrated Escape Belt, which is independently certified as meeting the belt requirements of NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services. The Escape belt shall be comprised of Kevlar® webbing with a hook and an adjustable D-ring closure, graded for the waist size of the pants. The hook and dee closure system of the Escape Belt also serves as the positive front closure for the pants, eliminating redundant closure systems.

_____Comply _____Exception

INTERNAL SEAT HARNESS (CAPABLE AS OPTION) SERIES 1

Pants shall be capable of accepting, **as a separately priced option**, an internal seat harness. The internal harness shall be an NFPA 1983 certified Class II harness system, comprised of a 1¾ inch Kevlar® webbing waist belt, with a zinc-plated steel belt buckle that serves as the pants positive closure. Attached to the waist belt are a left and a right 2 inch Kevlar® webbing leg loop, designed to be installed on each separate leg of the liner on the inside of the outer shell. Additionally the harness shall have attachment loops located on either side of the steel buckle, which thread through slots in the outer shell. These loops are designed to receive a carabineer when the system is used as a harness. 2-piece loops constructed of a double layer of outer shell

material will be installed at each hip and inside the shell 8” down from the waist to hold the leg straps in place. The top and bottom of the loop will attach to each other with a 1 x 1 flame resistant hook & loop fastener tape sewn to ends.

_____Comply _____Exception

SEAT

The rise of the rear pant center back seam, from the top back of the waistband to where it intersects the inside leg seams at the crotch, shall exceed the rise at the front of the pant by 8 inches. The longer rear center back seam provides added fullness to the seat area for extreme mobility without restriction when stepping up or crouching and will be graded to size. This feature in combination with other design elements will maintain alignment of the knee directly over the knee pads when kneeling and crawling.

_____Comply _____Exception

EXPANSION (BELLOWS) POCKET (Left)

One 2” deep x 10” wide x 10” bellows pockets shall be placed over the outer leg seams at thigh level. The pockets shall be sewn to the pant with two rows of lock stitching and shall provide two aluminum eyelets, installed at the bottom of each pocket, for water drainage. *Each pocket shall be reinforced with an additional layer of outer shell material sewn to the inside.* The pocket flaps shall be rectangular in shape, constructed of two layers of outer shell material and double stitched to the outer shell. One piece of 1½ inch by 3 inch FR hook fastener tape on the inside of each pocket flap on each side. One piece of corresponding 1½ inch by 3 inch FR loop fastener tape shall be installed horizontally on the outside of each side of pocket near the top and positioned to engage the hook fastener tape. Each pocket flap shall be reinforced with bartacks at the uppermost corners.

In addition, the left pocket shall have an Arashield 6-pack tool pouch attached to the back of the pocket for small tools.

_____Comply _____Exception

EXPANSION (BELLOWS) POCKET (Right)

One 2” deep x 10” wide x 10” bellows pockets shall be placed over the outer leg seam at thigh level. The pocket shall be sewn to the pant with two rows of lock stitching and shall provide two aluminum eyelets, installed at the bottom of each pocket, for water drainage. *Each pocket shall be reinforced with an additional layer of outer shell material sewn to the inside.* The pocket flap shall be rectangular in shape and measure approximately 6½” by 11½”, constructed of two layers of outer shell material and double stitched to the outer shell. Three pieces of 1½ inch by approximately 4½ inch FR hook fastener tape shall be installed on the inside of each pocket flap (one each side and one in the middle). One continuous piece of corresponding approximately1 ½ inch by 8½ inch FR loop fastener tape shall be installed horizontally on the outside of the pocket near the top and positioned to engage the hook fastener tape. The pocket flap shall be reinforced with bartacks at the uppermost corners. A 2-piece loop constructed of a double layer of outer shell material will be installed under the front edge of the pocket flap. The top and bottom of the loop will attach to each other with a 1 x 1 flame resistant hook & loop fastener tape sewn to ends. Inside the pocket a strap measuring 1½ inches by 12 inches shall run the full vertical height of the pocket where it will secure at the top with hook and loop fastener tape. A second strap shall be installed horizontally. This strap will measure 1 inch by 4 inches and shall be sewn at one end and attach at the other end with hook and loop fastener tape. The straps are specially designed to secure the contents of the pocket and allow for quick release.

Pocket shall be divided 50/50.

_____Comply _____Exception

EXPANSION POCKET REINFORCEMENTS

The lower half of the expansion pockets shall be reinforced on the outside with a layer of black Dragonhide® material.

_____Comply _____Exception

EXPANSION POCKET TAB

A ¼" strip of Silizone Padding shall be applied to the pocket flap on each side of the pants to facilitate ease of opening.

KNEE

The outer shell of the pant legs shall be constructed with horizontal expansion pleats in the knee area with corresponding darts in the liner to provide added fullness for increased freedom of movement and maximum flexibility. The pleats shall be folded to open outwardly towards the side seams to insure no restriction of movement. The knee will be installed proportionate to the pant inseam, in such a manner that it falls in an anatomically correct knee location.

The thermal liner shall be constructed with four pleats per leg in the front of the knee. Two will be located above the knee (one on each side) and two will be located below the knee (one on each side). On the moisture barrier, the system will consist of two darts, rather than pleats, to allow added length in the under knee. The darts in the liner provide a natural bend at the knee. The pleats and darts in the liner work in conjunction with the expansion panels in the outer shell to increase freedom of movement when kneeling, crawling, climbing stairs or ladders, etc.

_____Comply _____Exception

LINER KNEE THERMAL ENHANCEMENT

A minimum of one additional layer of specified thermal liner and one additional layer of moisture barrier material, measuring a minimum of 9 inches by 11 inches, will be sewn to the knee area of the liner system for added CCHR protection and increased thermal insulation in this high compression area. The knee thermal enhancement layers shall be sandwiched between the thermal liner and moisture barrier layers of the liner system and shall be stitched to the thermal liner layer only. The thermal enhancement layer shall have finished edges by means of overedging. Raw or unfinished edges shall be considered unacceptable. Thermal scraps shall not be substituted for full-cut fabric padding. Smaller CCHR reinforcements shall not be considered acceptable since they provide far less area of coverage.

_____Comply _____Exception

KNEE REINFORCEMENTS

The knee area shall be reinforced with a layer of black Dragonhide® material.

The knee reinforcement shall be centered on the leg to insure proper coverage when bending, kneeling and crawling. The knee reinforcements shall measure 9 inches wide by 12 inches high and shall be double stitched to the outside of the outer shell in the knee area for greater strength and abrasion resistance. Knee reinforcements of a smaller size do not provide the same protective coverage and shall be considered unacceptable.

PADDING FOR KNEES

Padding for the knees shall be accomplished with one layer of Silizone® foam sewn to the liner, sandwiched between the thermal liner and moisture barrier.

_____Comply _____Exception

PANT CUFF REINFORCEMENTS

The cuff area of the pants shall be reinforced with a layer of black Dragonhide® material.

The cuff reinforcement shall not be less than 2 inch in width and folded in half, approximately one half inside and one half outside the end of the legs for greater strength and abrasion resistance. The cuff reinforcement shall be double stitched to the outer shell for a minimum of two rows of stitching. This independent cuff provides an additional layer of protection over a hemmed cuff. Pants that are turned and stitched at the cuff, as opposed to an independent cuff reinforcement, do not provide the same level of abrasion resistance and shall be considered unacceptable.

_____Comply _____Exception

PADDED RIP-CORD SUSPENDERS & ATTACHMENT

On the inside waistband shall be attachments for the standard "H" style "Padded Rip-Cord" suspenders. There will be four attachments total – 2 front, 2 back. The suspender attachments shall be constructed of a double layer of black aramid measuring approximately ½ inch wide by 3-inches long. They shall be sewn in a horizontal position on the ends only to form a loop. The appearance will be much like a horizontal belt loop to capture the suspender ends.

A pair of "H" style "Padded Rip-Cord" suspenders shall be specially configured for use with the pants. The main body of the suspenders shall be constructed of 2 inch wide black webbing straps. The suspenders shall run over each shoulder to a point approximately shoulder blade high on the back, where they shall be joined by a 2 inch wide horizontal piece of webbing measuring approximately 8-inches long, forming the “H”. This shall prevent the suspenders from slipping off the shoulders. The shoulder area of the suspenders will be padded for comfort by fully encasing the webbing with aramid batting and wrap-around black aramid.

The rear ends of the suspenders will be sewn to 2-inch wide elasticized webbing extensions measuring approximately 8-inches in length and terminating with thermoplastic loops. The forward ends of the suspender straps shall be equipped with specially configured black powder coat non-slip metal slides with teeth. Through the metal slides will be the 9 inch lengths of strap webbing "Rip-Cords" terminating with thermoplastic loops on each end. Pulling on the "Rip-Cords" shall allow for quick adjustment of the suspenders.

Threaded through and attached to the thermoplastic loops on the forward and rear ends of the suspenders will be black aramid suspender attachments incorporating two snap fasteners. The aramid suspender attachments are to be threaded through the suspender attachment loops on the inside waistband of the pants. The aramid suspender attachments will then fold over and attach to themselves securing the suspender to the pants.

_____Comply _____Exception

REVERSE BOOT CUT

The outer shell pant leg cuffs will be constructed such that the back of the leg is approximately 1 inch shorter than the front. The liner will also have a reverse boot cut at the rear of the cuff and a concave cut at the front to keep the liner from hanging below the shell. This construction feature will minimize the chance of premature wear of the cuffs and injuries due to falls as a result of "walking" on the pant cuffs.

_____Comply _____Exception

THIRD PARTY TESTING AND LISTING PROGRAM

All components used in the construction of these garments shall be tested for compliance to NFPA Standard #1971 by Underwriters Laboratories (UL). Underwriters Laboratories shall certify and list compliance to that standard. Such certification shall be denoted by the Underwriters Laboratories certification label.

_____Comply _____Exception

LABELS

Appropriate warning label(s) shall be permanently affixed to each garment. Additionally, the label(s) shall include the following information.

Compliance to NFPA Standard #1971
Underwriters Laboratories classified mark
Manufacturer's name
Manufacturer's address
Manufacturer's garment identification number
Date of manufacture
Size

_____Comply _____Exception

ISO CERTIFICATION / REGISTRATION

The protective clothing manufacturer shall be certified and registered to ISO Standard 9001 to assure a satisfactory level of quality. Indicate below whether the manufacturer is so certified and registered by checking either "Yes" or "No" in the space provided.

_____Yes _____No

BETTER BUSINESS BUREAU:

The manufacturer is accredited by the Better Business Bureau, showing a commitment to ethical and principled business practices.

_____Comply _____Exception

WARRANTY:

The manufacturer shall warrant these jackets and pants to be free from defects in materials and workmanship for their serviceable life when properly used and cared for. Warranty administration shall be performed by local Washington State dealer and at no cost to the Fire Department. NO EXCEPTIONS.

COUNTRY OF ORIGIN

Jackets and Pants shall be manufactured in the United States. NO EXCEPTIONS

LOCAL PRODUCT SUPPORT

Manuafacturer shall have and maintain an authorized local Dealer located in the Puget Sound area as representative for warranty administration, product support, and sizing. As a minimum, dealer shall have a full-time customer service staff, toll free number, and local field representative who is available after regular business hours. Bids from manufacturers without a local dealer will be considered non-responsive.

Name of Local Dealer _____

Toll Free Phone Number of Dealer _____

Name of Field Representative_____

After Hours Phone Number of Field Representative _____

SIZING BY VENDOR:

Both male and female sizing samples shall be available. Sizing shall be performed on-site at the Fire Department using actual garments of the cut and style provided. Sizing shall be done by the manufacturer's authorized local dealer for the Puget Sound Area. Sizing shall be done on an ongoing basis, as firefighters are available on-shift. Dealer and Manufacturer are sole responsible for safe and proper fit of gear for the individual sized.

_____Comply _____Exception

EXCEPTIONS TO SPECIFICATIONS

Any and all exceptions to the above specifications must be clearly stated for each heading. Use additional pages for exceptions, if necessary.

OPTIONAL CHOICES.

Instructions: For each optional choice list the added cost (or reduced cost as expressed by a minus sign) for each listed item. Optional choices will not be used in the evaluation of bids. Optional choices are to be **priced on a per garment basis**, the quantity to be determined at the time of order.

Option 1a. Furnish Gold Color Tencate Gemini Shell in Jacket, in place of black Gemini

_____

Option 1b. Furnish Gold Color Tencate Gemini Shell in Trousers, in place of black Gemini

_____

Option 2a. Furnish Tencate Advance-Ultra Shell in Dark Gold, Light Gold, or Black-Gold in Jacket in place of black Gemini

_____

Option 2b. Furnish Tencate Advance-Ultra Shell in Dark Gold, Light Gold, or Black-Gold in Trousers in place of black Gemini

_____

Option 3a. Furnish Tencate Advance Shell in Dark Gold, Light Gold, Black PCA, or Yellow in Jacket in place of black Gemini

_____

Option 3b. Furnish Tencate Advance Shell in Dark Gold, Light Gold, Black PCA, or Yellow in Trousers in place of black Gemini

_____

Option 4a. Furnish Tencate Millenia XT Shell in Jacket in place of black Gemini

_____

Option 4b. Furnish Tencate Millenia XT Shell in Jacket in place of black Gemini

_____

Option 5a. Furnish Tencate Natural (white) Nomex in Jacket in place of black Gemini

_____

Option 5b. Furnish Tencate Natural (white) Nomex in Trousers in place of black Gemini

_____

Option 6a. Furnish Tencate Quantum 3D liner in Jacket in place of Caldura SL2i

_____

Option 6b. Furnish Tencate Quantum 3D liner in Jacket in place of Caldura SL2i

_____

Option 7. Furnish standard trousers with sewn-in belt closure in place of rescue belt and elastic back and without divider in pocket in place of internal harness type trousers.

_____

Option 8. Furnish self-material belt loops in waist area of jacket for installation of rescue belt. (not including belt)

_____

Option 9. Furnish red-orange Scotchlite Triple-trim in place of Lime-yellow on jacket and trousers

_____

Option 10 . Furnish additional self-material mic strap (location to be specified by buyer) on jacket

_____

Option 11. Furnish Streamlight Survivor Style Flashlight holder including hook and loop strap (location to be specified by buyer) on jacket in place of Polytac light style.

_____

Option 12. Furnish additional radio pocket on left sleeve 2” x 3.5” x 7” with 2” flap and antenna opening on each side

_____

Option 13. Furnish standard nomex wristlets in place of nomex hand and wrist guard

_____

Option 14. Additional 2” or 3” Scotchlite Letters sewn to garment, per letter

_____

Option 15. Delete lettering patch and letters on upper back

_____

Option 16. Add Rope Pocket on Left Sleeve 2” x 3” x 5.5” with hook and loop flap and centered on upper sleeve.

_____

Option 17. Delete Tool Pouch in trouser pocket

_____

Option 18. Furnish 3-pack Tool Pouch in trouser pocket in place of 6-pack

_____

Option 19. Furnish custom split trouser pocket flap on the same side as the tool pouch to accommodate reinforced cover for Channel Lock plier point.

_____

*** PRICE PROPOSAL FORM ***
JOB NUMBER 42-13-FB
KIRKLAND FIRE DEPARTMENT PROTECTIVE JACKETS AND TROUSERS FOR STRUCTURAL FIRE FIGHTING
INVITATION FOR BIDS

Bidder Name_____

Bidder shall submit one original sealed bid. If Bidder wishes to submit alternate bids, copy the appropriate bid pages and submit alternate bids.

We agree to furnish the following items F.O.B. Destination, freight prepaid and allowed (included in unit price).

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1.	Jacket per the Technical Specifications	250	EA	$_____	$_____
2.	Trousers per the Technical Specifications	250	EA	$_____	$_____
				TOTAL	$_____

Note: The unit price and extended price are to be shown in the spaces provided. Extended price shall be determined by multiplying the unit price by the quantity.

Prompt Payment Discount _____% _____ days, net 30.
Payment discount periods of 20 calendar days or more will be considered in determining lowest responsible bid.

If a **volume discount** is offered, provide the order quantities at which the price break will be given and the corresponding percentage:

Quantity _____ Discount _____%

Quantity _____ Discount _____%

Quantity _____ Discount _____%

_____ _____
Signature of Authorized Representative Date

_____ _____
Printed Name Title

_____ _____
Phone Number Email Address

NONCOLLUSION AFFIDAVIT
Firefighter Turnout Gear
JOB NO. 42-13-FB

STATE OF WASHINGTON)
) SS
COUNTY OF KING)

The undersigned, being duly sworn, deposes and says that the person, firm, association, co-partnership or corporation herein named has not either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in the preparation and submission of a proposal to the Owner for consideration in the award of a contract on the improvements described as follows for the City of Kirkland:

Primary supplier of Firefighter Turnout Gear.

_____ _____
FIRM NAME AUTHORIZED SIGNATURE

Sworn to before me, this _____ day of _____, 2010.

_____
Notary Public
in and for the State of Washington
Residing at _____

My Commission Expires:
_____